

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Withdrawn): A deuteron generating target comprising:
a base film mainly composed of a halogen-containing organic compound; and
an upper film provided on said base film and mainly composed of a deuterated organic compound.

Claim 2 (Currently Amended): A deuteron generating target comprising:
a porous base film having a porosity of 70% or more, said porous base film being mainly
composed of halogen-containing organic compound~~[[,]]~~; and
~~wherein~~ a deuterated organic compound ~~[[is]]~~ impregnated in at least part of said porous
base film.

Claim 3 (Withdrawn): A deuteron generating target according to claim 1, wherein said
halogen-containing organic compound is fluorine-substituted hydrocarbon.

Claim 4 (Withdrawn): A deuteron generating target apparatus comprising:
a deuteron generating target according to claim 1;
a holder holding said deuteron generating target on a predetermined surface;
a laser source irradiating said deuteron generating target with a laser beam to a
predetermined area of said deuteron generating target; and

a driving mechanism moving said deuteron generating target on said predetermined surface so as to change a relative position of the laser beam-irradiated area on said deuteron generating target with respect to said laser source.

Claim 5 (Previously Presented): A deuteron generating target according to claim 2, wherein said halogen containing organic compound is fluorine-substituted hydrocarbon.

Claim 6 (Previously Presented): A deuteron generating target apparatus comprising:

- a deuteron generating target according to claim 2;
- a holder holding said deuteron generating target on a predetermined surface;
- a laser source irradiating said deuteron generating target with a laser beam to a predetermined area of said deuteron generating target; and
- a driving mechanism moving said deuteron generating target on said predetermined surface so as to change a relative position of the laser beam irradiated area on said deuteron generating target with respect to said laser source.